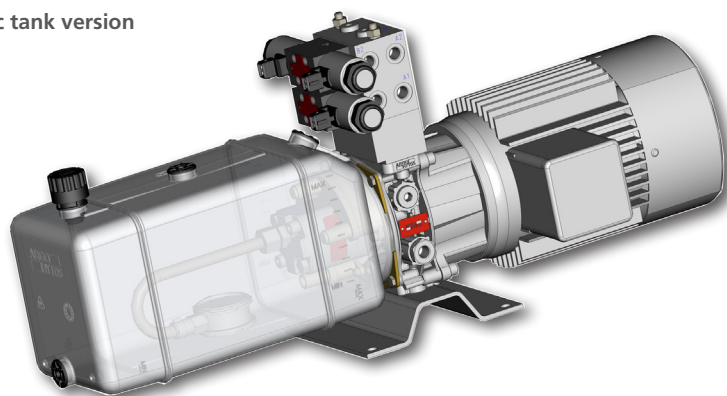
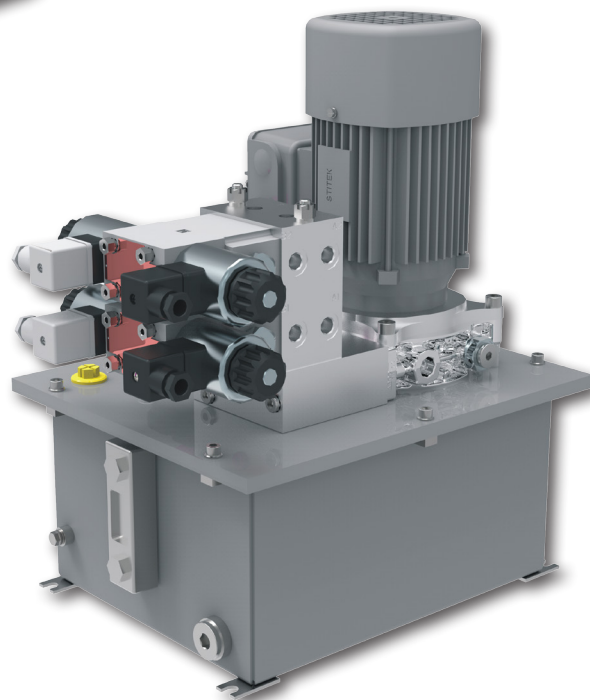


SMA05

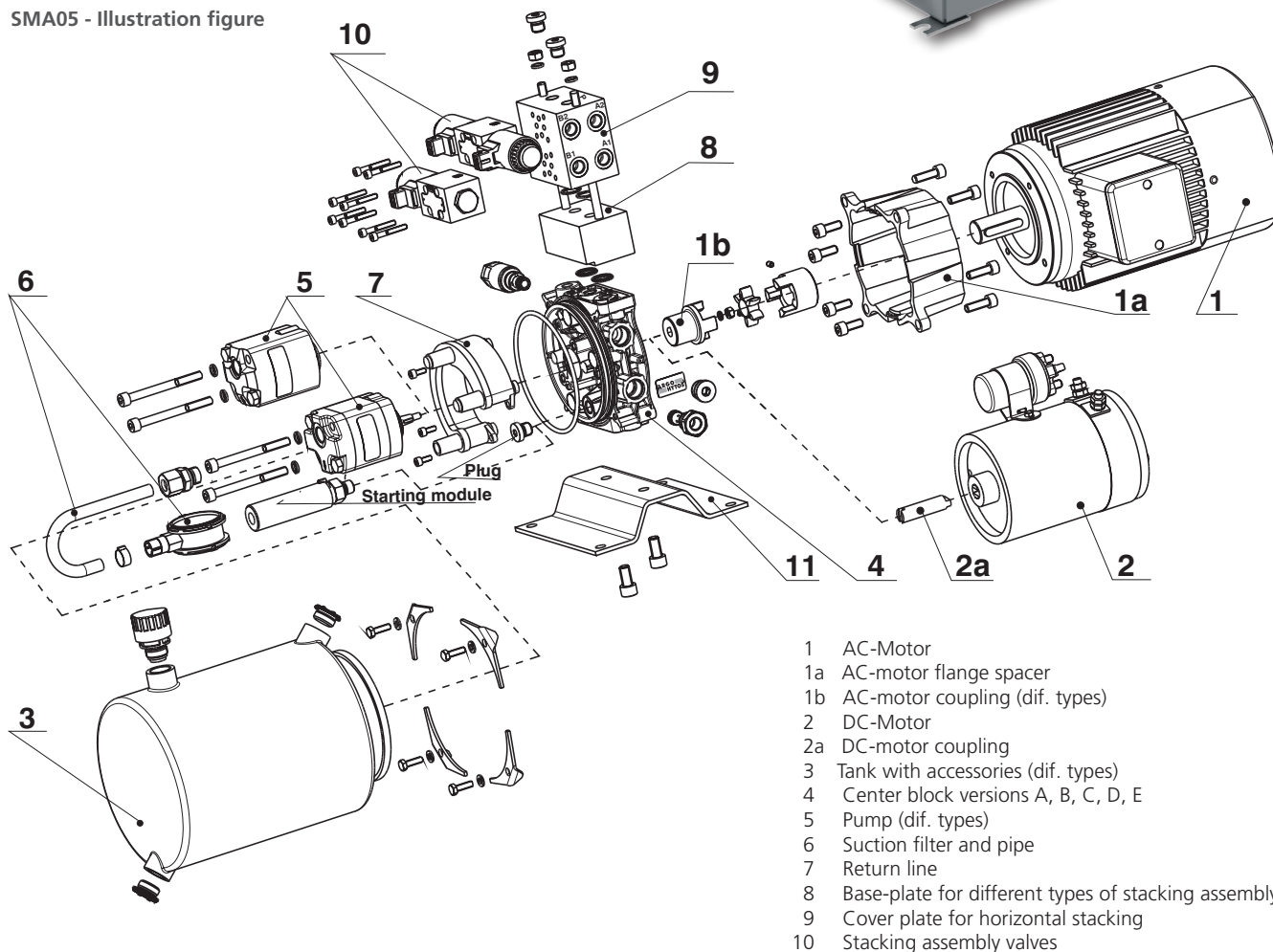
Plastic tank version



Steel tank version



SMA05 - Illustration figure

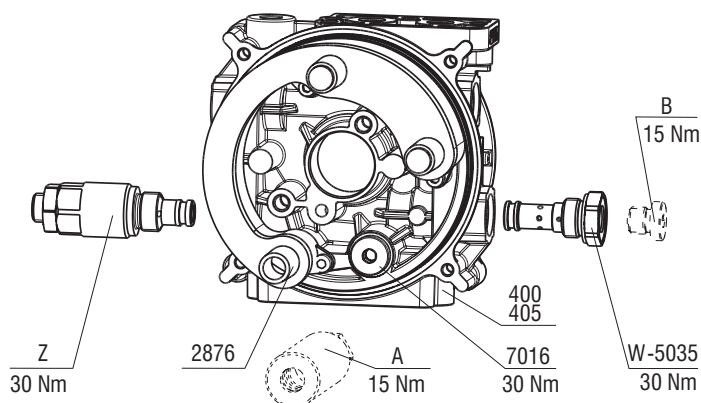


- 1 AC-Motor
- 1a AC-motor flange spacer
- 1b AC-motor coupling (dif. types)
- 2 DC-Motor
- 2a DC-motor coupling
- 3 Tank with accessories (dif. types)
- 4 Center block versions A, B, C, D, E
- 5 Pump (dif. types)
- 6 Suction filter and pipe
- 7 Return line
- 8 Base-plate for different types of stacking assembly
- 9 Cover plate for horizontal stacking
- 10 Stacking assembly valves

Compact Hydraulic Power Packs for Self-Assembly

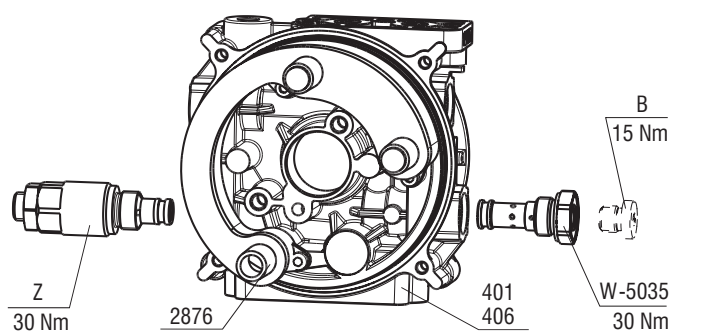
Kit	Item	Description	pcs	Ordering No.
Kit includes these items:		Block A - GP0		17250100 3D
		Block A - GP1		17025700 3D
	400	Block A pump GP0	1	27214902
	405	Block A pump GP1	1	24588902
	W-5035	Check Valve SC1F-A3/L005-G-A	1	22751100 (page 20) 3D
	7016	Plug VSTI G1/4	1	15625300
	2876	Return line	1	23477900 3D

	A	Starting module	1	16085000
	B	Plug VSTI G1/4	1	15625300
	Item	Possible valve		Data sheet
	Z	SR1A-A2/S		HA 5063



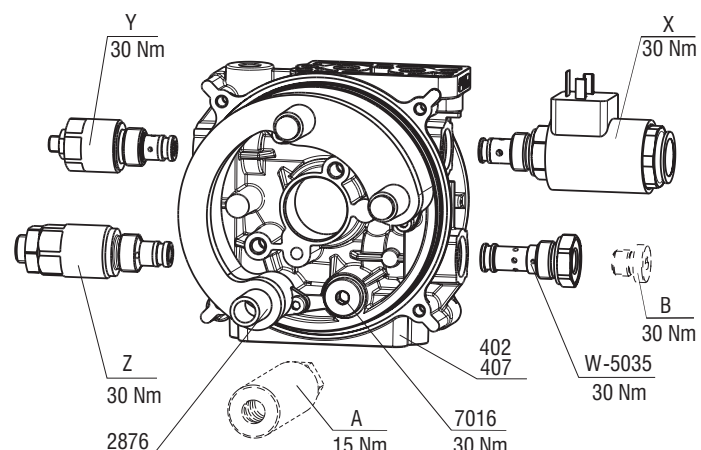
Kit	Item	Description	pcs	Ordering No.
Kit includes these items:		Block B - GP0		17250200 3D
		Block B - GP1		17249400 3D
	401	Block B pump GP0	1	27215002
	406	Block B pump GP1	1	27215402
	W-5035	Check Valve SC1F-A3/L005-G-A	1	22751100 (page 20) 3D
	2876	Return line	1	23477900 3D

	B	Plug VSTI G1/4	1	15625300
	Item	Possible valve		Data sheet
	Z	SR1A-A2/S		HA 5063



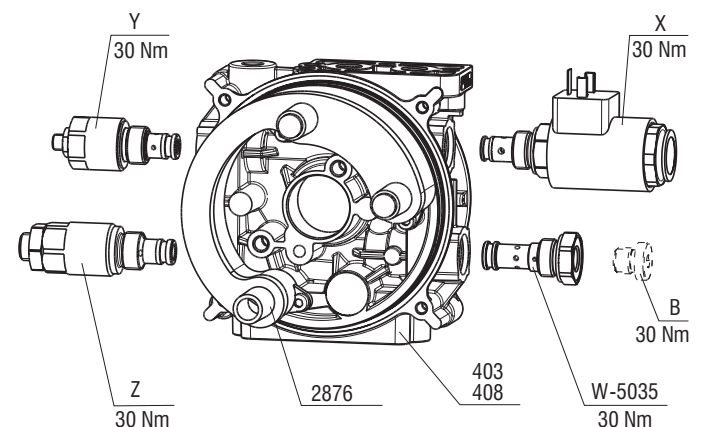
Kit	Item	Description	pcs	Ordering No.
Kit includes these items:		Block C - GP0		17250000 3D
		Block C - GP1		17249900 3D
	402	Block B pump GP0	1	27215102
	407	Block B pump GP1	1	24589002
	W-5035	Check Valve SC1F-A3/L005-G-A	1	22751100 (page 20) 3D
	7016	Plug VSTI G1/4	1	15625300
	2876	Return line	1	23477900 3D

	A	Starting module	1	16085000
	B	Plug VSTI G1/4	1	15625300
	Item	Possible valve		Data sheet
	X	see catalogue SMA		HA 7212
	Y			
	Z	SR1A-A2/S		HA 5063



Kit	Item	Description	pcs	Ordering No.
Kit includes these items:		Block D - GP0		17249800 3D
		Block D - GP1		17249700 3D
	403	Block D pump GP0	1	27215202
	408	Block D pump GP1	1	27215502
	W-5035	Check Valve SC1F-A3/L005-G-A	1	22751100 (page 20) 3D
	2876	Return line	1	23477900 3D

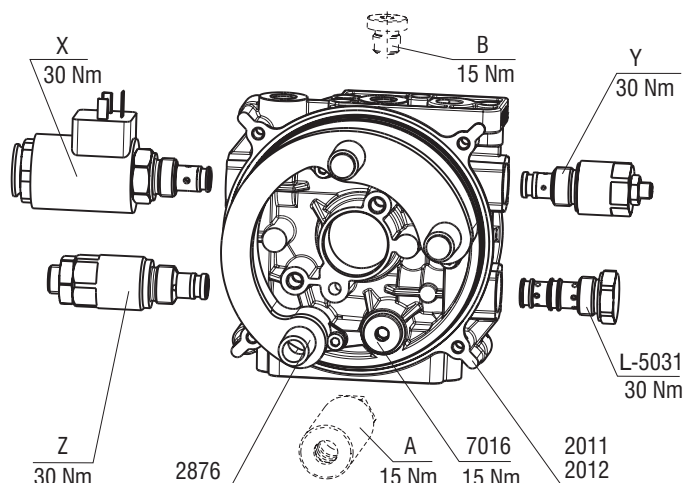
	B	Plug VSTI G1/4	1	15625300
	Item	Possible valve		Data sheet
	X	see catalogue SMA		HA 7212
	Y			
	Z	SR1A-A2/S		HA 5063



Compact Hydraulic Power Packs for Self-Assembly Dimensions in millimeters

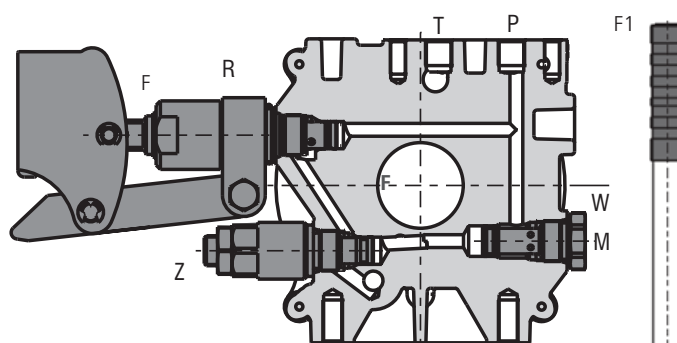
Kits	Item	Description	pcs	Ordering No.
Kit includes these items:		Block E - GP0		17249600 3D
		Block E - GP1		17249500 3D
	2011	Block E pump GP0	1	23453400
	2012	Block E pump GP1	1	23453500
	L-5031	Logical Check Valve SH1F-A3/L020-A	1	22751400 3D
	7016	Plug VSTI G1/4	1	15625300
	2876	Return line	1	23477900 3D

	A	Starting module	1	16085000
	B	Plug VSTI G1/4	1	15625300
	Item	Possible valve	Data sheet	
	X	see catalogue SMA	HA 7212	
	Y			
	Z	SR1A-A2/S	HA 5063	



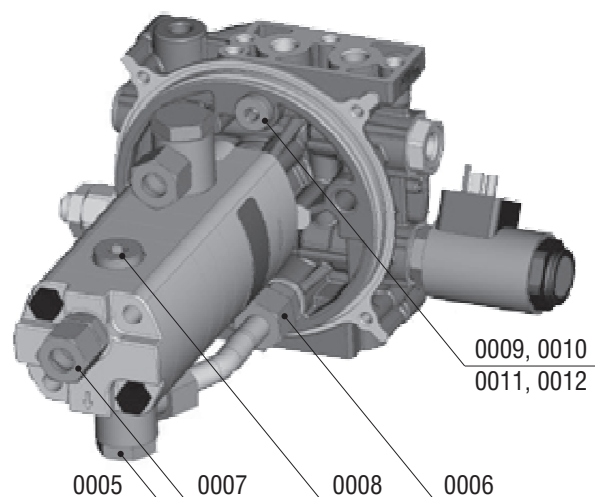
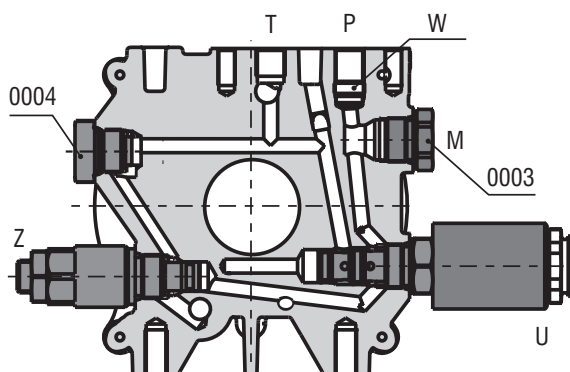
Kits	Item	Description	pcs	Ordering No.
Kit includes these items:		Block F		31092500 3D
	0001	Block F pump GP1	1	27849102
	W	Check Valve	1	22751100
	0003	Pipe	1	31405900
	0004	Pipe	1	31406000

	F	Hand Pump RCA-A2-L-A	1	28950401 3D
	F1	Hand Lever (for Hand Pump)	1	23476200 3D
	Item	Possible valve	Data sheet	
	Z	SR1A-A2/S	HA 5063	



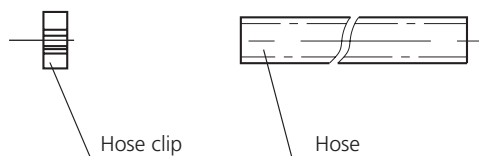
Kits	Item	Description	pcs	Ordering No.
Kit includes these items:		Block G		31093300
	0001	Block	1	31093400
	W	Check Valve	1	15949400
	0003	Plug with „M“ G1/4	1	30959300
	0004	Plug 3/4-16	1	17250900
	0005	Fitting 12PLR - KDS CF	2	20322300
	0006	Fitting 319410501011	1	16680000
	0007	Fitting GE12-PLR-ED	1	15613200
	0008	Plug G3/8 A	1	16681600
	0009	Hose „T“ Js10 1184	1	20172000
	0010	Hose Clip „T“ 13/8 W4	2	22824900
	0011	Fitting „T“	2	31398000
	0012	Cable Tie „T“ 341417733165	1	20554800

	U	SD2E-A3/H2D31	1	30968000
	Coil	C19B*E1(E3*, E12*) DC		HA 8007
	Item	Possible valve	Data sheet	
	Z	SR1A-A2/S	HA 5063	

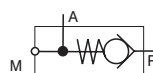
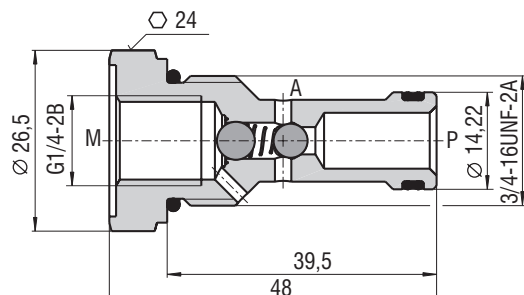


Compact Hydraulic Power Packs for Self-Assembly Dimensions in millimeters

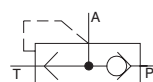
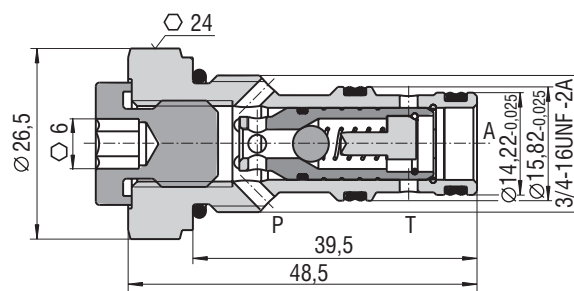
Hose 16x2 mm, lenght - 10 m for Return line for vertical Tank - **Ordering No. 27415300**
Hose clip COBRA19/8 W4 - **Ordering No. 22825500**


Position W-5035

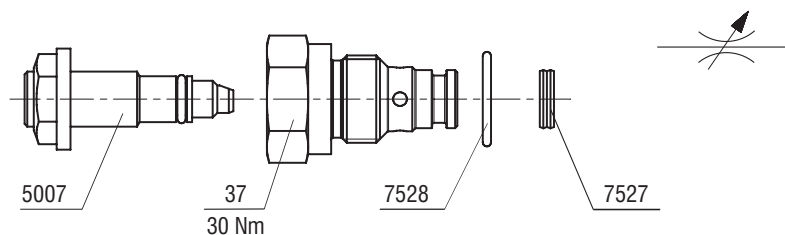
Check Valve SC1F-A3/L005-G-A - **Ordering No. 22751100** **3D**


Position L-5031

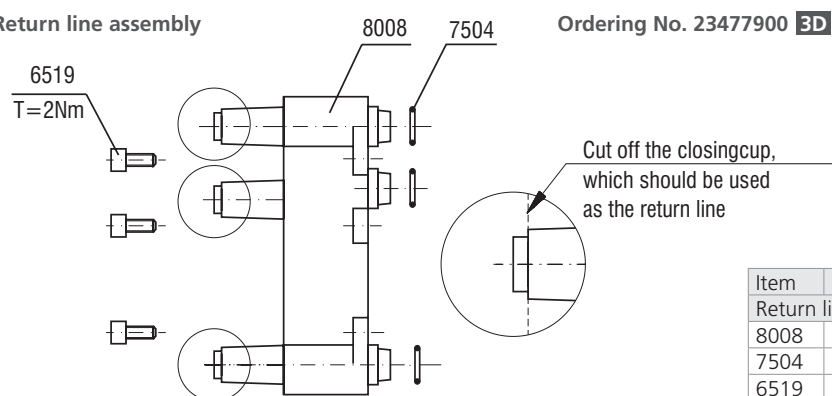
Check Valve SH1F-A3/L020-A - **Ordering No. 22751400** **3D**



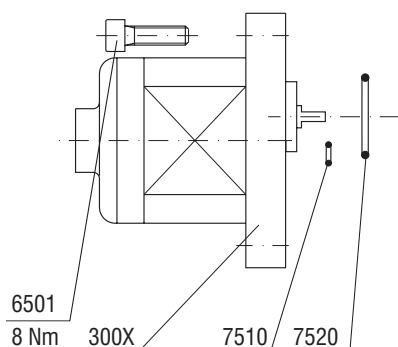
Needle Restrictor Valve ST21A-A2/L205-A - **Ordering No. 29243001** **3D**



Compact Hydraulic Power Packs for Self-Assembly Dimensions in millimeters

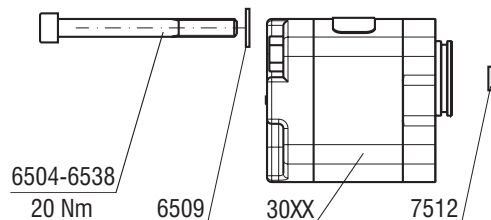
Return line assembly

Ordering No. 23477900 3D

Item	Description	Quantity [pcs]	Ordering No.
Return line assembly			23477900 3D
8008	Return line Manifold	1	16085100
7504	O-Ring 12x2	3	20123400
6519	Bolt M5x12	3	20234900

Gear pumps for AC and DC motors
Size GP0


List of the pumps: GP0-*L-RAKB-AGAPA-N

Item	Code	Displacement [cm³]	Complete Assembly Ordering No.	Pump only Ordering No.
3001	03	0,32	16090600 3D	20372600
3002	04	0,40	16664300	15615500
3003	05	0,50	23455200	15615300
3004	06	0,63	16090700 3D	15615400
Item			Quantity	Ordering No.
6501	Bolt M6x20		2	20238300
7510	O-ring 6x1,5		1	20136600
7520	O-ring 22x2		1	15605300

Gear pumps for DC motors
Size GP1


List of the pumps: GP1-*L-ACKC-AGBPA-N

Item	Code	Displacement [cm³]	Complete Assembly Ordering No.	Pump only Ordering No.
3029	08	0,8	16664600	20376300
3030	12	1,2	17254100	16651800
3031	16	1,6	16091400	20376500
3032	21	2,1	16971100 3D	20376600
3033	25	2,5	16091500	17073800
3034	33	3,3	16994700	20376800
3035	36	3,6	17077400	20376900
3036	44	4,4	17254200	16956000
3037	48	4,8	16664700 3D	20377100
3038	58	5,8	16664800 3D	20377200
3039	62	6,2	16664900	20377300
3040	79	7,9	17253900	20377400

Item	Description	Ordering No.	Item/Quantity											
			3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040
6504	M8x85	20241500	2											
6536	M8x88	24574500		2										
6505	M8x90	20241600			2	2	2							
6506	M8x95	20241800						2	2					
6507	M8x100	20241900								2	2			
6537	M8x105	23432300										2	2	
6538	M8x113	23432400												2
6509	Lock Washer	15611100	2	2	2	2	2	2	2	2	2	2	2	2
7512	Sq. Seal Ring 9,25x1,68	15608800	1	1	1	1	1	1	1	1	1	1	1	1

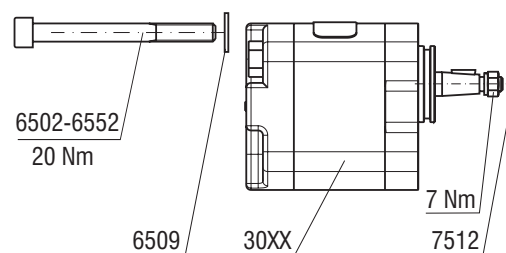
Compact Hydraulic Power Packs for Self-Assembly

Gear pumps for AC motors

Size GP1

List of the pumps: GP1-*L-AGCG-AGBPA-N014

Item	Code	Displacement [cm ³]	Compl. Assembly Ordering No.	Pump only Ordering No.
3065	08	0,8	24578800	24280000
3066	12	1,2	24578900	24280100
3067	16	1,6	24579000	24280200
3068	21	2,1	24579100	24280300
3069	25	2,5	24579200	24280400
3070	33	3,3	24579300	24280500
3071	36	3,6	24579400	20378700
3072	44	4,4	24579500	20378800
3073	48	4,8	24579600	20378900
3074	58	5,8	24579700	20379000
3075	62	6,2	24579800	24280600
3076	79	7,9	24579900	20379100

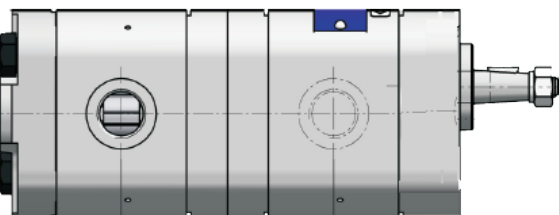


Item	Description	Ordering No.	Item/Quantity											
			3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076
6549	M8x78	24575400	2											
6502	M8x80	15610700		2	2									
6550	M8x83	24575300				2								
6504	M8x85	20241500					2							
6536	M8x88	24574500						2						
6505	M8x90	20241600							2	2				
6551	M8x93	24575200									2			
6506	M8x95	20241800										2		
6552	M8x98	24575100											2	
6537	M8x105	23432300												2
6509	Lock Washer	15611100	2	2	2	2	2	2	2	2	2	2	2	2
7512	Sq. Seal Ring 9,25x1,68	15608800	1	1	1	1	1	1	1	1	1	1	1	1

Compact Hydraulic Power Packs for Self-Assembly

Double Gear pumps

Code	Displacement [cm ³]	Ordering No.					
		Complete Assembly	Pump only (1 pc)	O-ring (1 pc)	Nut (2 pcs)	Wascher (2 pcs)	Tie-rods (2 pcs)
4812	4,8+1,2	31113500	31171900	15608800	15611000	20255900	20205100
4816	4,8+1,6	31113600	31172000				
4821	4,8+2,1	31113700	31172200				
5812	5,8+1,2	31113800	31171600				
5816	5,8+1,6	31113900	31171700				
5021	5,8+2,1	31114000	31171800				
6212	6,2+1,2	31114100	28237300				20205200
6216	6,2+1,6	31094300	20385500				
6221	6,2+2,1	31114200	31171500				
7912	7,9+1,2	31114400	24284000				
7916	7,9+1,6	31114500	15618500				
7921	7,9+2,1	31114600	20385700				



1. AC motor, 400/230V / 50Hz or 230V / 50Hz with condensator

All motors for duty cycle S1

Motors IMB 14 with a small Flange for horizontal or vertical extension.

Power		Data				Ordering No.	
kW	Engine efficiency	Size	Code	Speed n [1/min]		400/230V/ 50Hz	230V/ 50Hz
0,12	IE1	63	9/1	1500		16999000	20617700 3D
0,18		63	10/2			20617800 3D	20617900
0,25		71	11/3			16652000 3D	20618200 3D
0,37		71	12/4			16652100 3D	16652200
0,55		80	13/5			16685500 3D	16685700 3D
0,75	IE2	80	14/6				15636200
	IE3					33324300	
1,10	IE2	90 S	15/7				16652400 3D
	IE3					33324800	
1,50	IE2	90 L	16/8				15636500 3D
	IE3					33325100	
2,20	IE2	100 L	17			33325400	
	IE3						
3,00	IE2	100 L	18			33325900	
	IE3						

Data		Ordering No.			
Engine efficiency	Size	Code	Speed n [1/min]	400/230V/ 50Hz	230V/ 50Hz
IE1	63	27/19	3000	28787600	28787800
	63	28/20		20618100	24339500
	71	29/21		20618500	27162100
	71	30/22		16685600	24339700
					24340200
IE2	80	31/23		33324700	
IE3					16685900
IE2	80	32/24		33325000	
IE3					15636600
IE2	90 S	33/25		33325300	
IE3					16686100
IE2	90 L	34/26		33325800	
IE3					
IE2	100 L	35		33326100	
IE3					

2. DC motor

	Power		Ordering No.			
	kW	Code	12V DC	24V DC	Relay installed on DC motor	
Standard	0,70	45	30245300 3D		31166300	
	0,80	44		30891400	24341800	
	1,20	46		19439600 3D	18163700	
	1,50	51	16652600 3D		28491400	
	2,00	52		19439800 3D	18163700	
	3,00	63		16283400 3D	without	

Relay	Data		Ordering No.
	12V / 150A	(Wo)	31166300
	12V / 250A	(Wo)	28491400
	24V / 150A	(Wo)	24341800
	24V / 200A	(Wo)	18163700
	24V / 300A	(Bo)	29022400
	24V / 300A	(Is)	20572100 3D

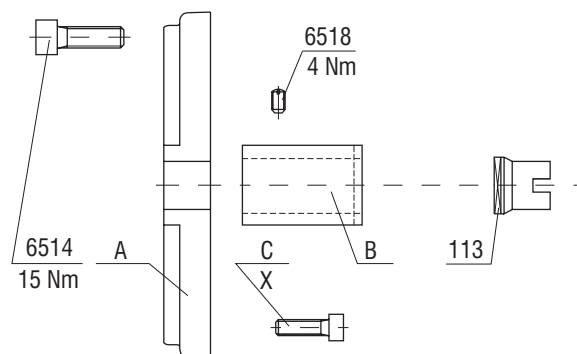


See Datasheet 7212 SMA05, Diagram on page 4-6.

Compact Hydraulic Power Packs for Self-Assembly

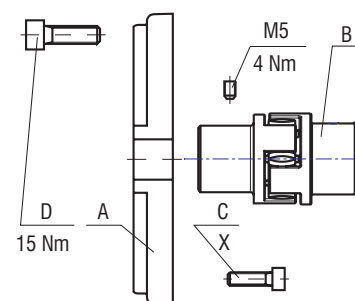
Flange for AC motor - group of parts

Item	Description	Quantity [pcs]	Ordering No.
Flange Kit for Motor size 63 with pump Size GP0			
A / 51	Flange 63	1	24582000
B / 85	Adapter 63	1	23490300
C / 6516	Bolt M5x16	4	17060700
6514	Bolt M8x25	4	20240500
6518	Bolt M5x8	1	15610300
113	Coupling	1	23491400
Flange Kit for Motor size 71 with pump Size GP0			
A / 52	Flange 71	1	24582100
B / 84	Adapter 71	1	23490200
C / 6501	Bolt M6x20	4	20217900
6514	Bolt M8x25	4	20240500
6518	Bolt M5x8	1	15610300
113	Coupling	1	23491400
Flange Kit for Motor size 80 with pump Size GP0			
A / 53	Flange 80	1	24582200
B / 83	Adapter 80	1	23490100
C / 6524	Bolt M6x20	4	20217900
6514	Bolt M8x25	4	20240500
6518	Bolt M5x8	1	15610300
113	Coupling	1	23491400
X	Bolt	Tightening torque [Nm]	
	M5	6	
	M6	8	



Item	Description	Quantity [pcs]	Ordering No.
Motor size 63 with pump Size GP1			
A / 97	Flange 63	1	24584100
B / 2892	Cupling ROTEX 63	1	24581300
C / 6516	Bolt M5x16	4	17060700
D / 6514	Bolt M8x25	4	20240500
Motor size 80 with pump Size GP1			
A / 99	Flange 80	1	24584300
B / 2894	Cupling ROTEX 83	1	24581500
C / 6524	Bolt M6x16	4	20217900
D / 6514	Bolt M8x25	4	20240500
Motor size 100 with pump Size GP1			
A / 101	Flange 100	1	24584500
B / 2896	Cupling ROTEX 100	1	24581700
C / 6502	Bolt M8x80	4	15610700
D / 6543	Bolt M8x40	4	20240800

Item	Description	Quantity [pcs]	Ordering No.
Motor size 71 with pump Size GP1			
A / 98	Flange 71	1	24584200
B / 2893	Cupling ROTEX 71	1	24581400
C / 6524	Bolt M6x20	4	20217900
D / 6514	Bolt M8x25	4	20240500
Motor size 90 with pump Size GP1			
A / 100	Flange 90	1	24584400
B / 2895	Cupling ROTEX 90	1	24581600
D / 6514	Bolt M8x25	4	20240500
C / 6515	Bolt M8x20	4	15610900
X	Bolt	Tightening torque [Nm]	
	M5	6	
	M6	8	
	M8	15	



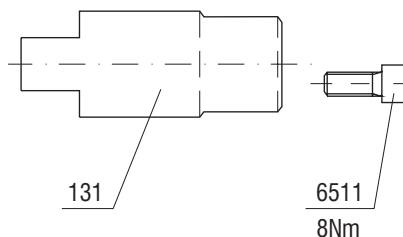
For GP1-*L-AGCG-AGBPA-N014

Compact Hydraulic Power Packs for Self-Assembly

Coupling group for DC motor

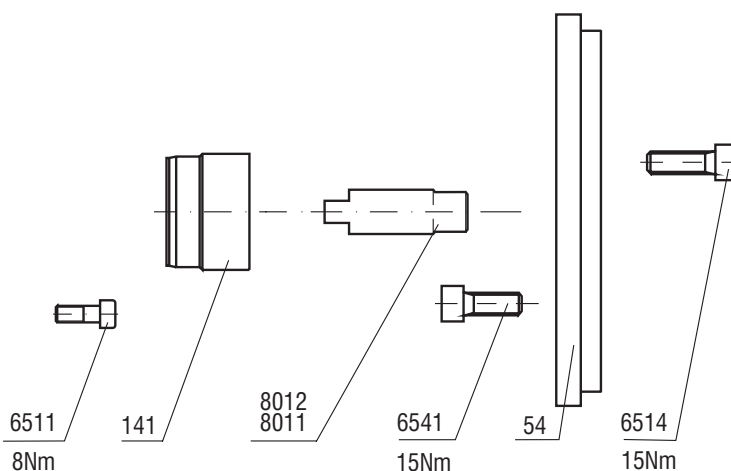
Motor with pump size GP0

Item	Description	Quantity [pcs]	Ordering No.
0,7 kW + 0,8 kW Motor with pump size GP0			16667200
6511	Bolt M6x16	2	20238200
131	Coupling	1	24584600



Motor with pump size GP1

Item	Description	Quantity [pcs]	Ordering No.
0,7 kW + 0,8 kW + 1,2 kW Motor with pump size GP1			24581100
8012	Set of Couplings*	1	16094800
6511	Bolt M6x16	2	20238200
1,5 kW + 2 kW Motor with pump size GP1			16095600 3D
141	Central	1	23491700
8011	Set of Couplings*	1	23470600
3 kW Motor with pump size GP1			16667100 3D
54	Flange 90	1	24582301
8012	Set of Couplings*	1	16094800
6514	Bolt M8x25	4	20240500
6541	Bolt M8x16	4	20240300



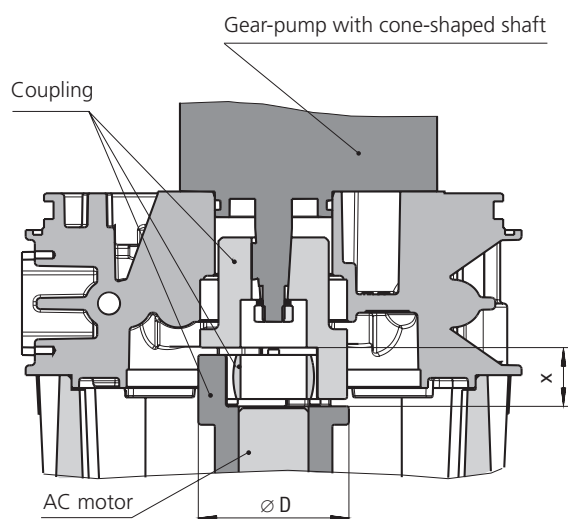
*The set of couplings for DC motors consists of 3 couplings of various lengths.

The distance between the motor and pump has to be measured and corresponding coupling used. See picture „DC motor“ on the next page.

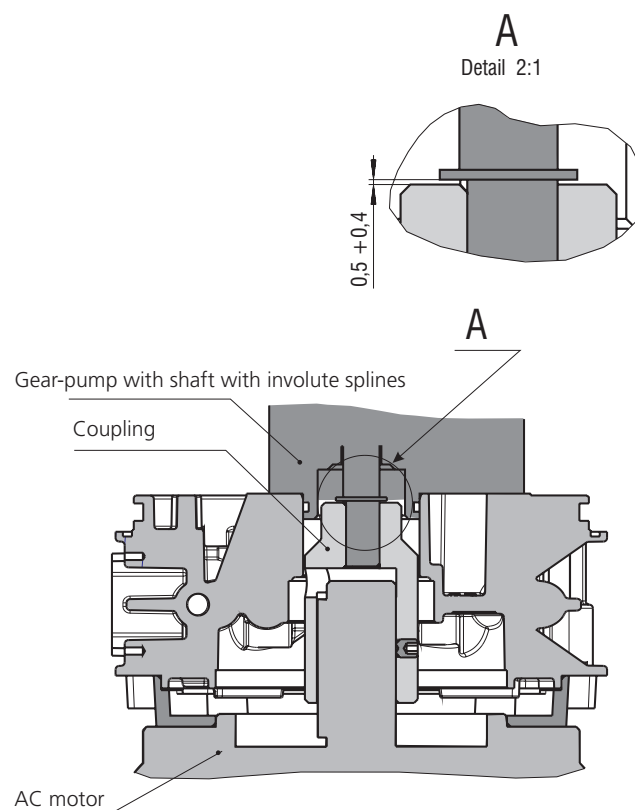
Assembly clearance tolerances for SMA05 Dimensions in millimeters

AC motor
Pump: GP1-*L-AGCG-*-N014

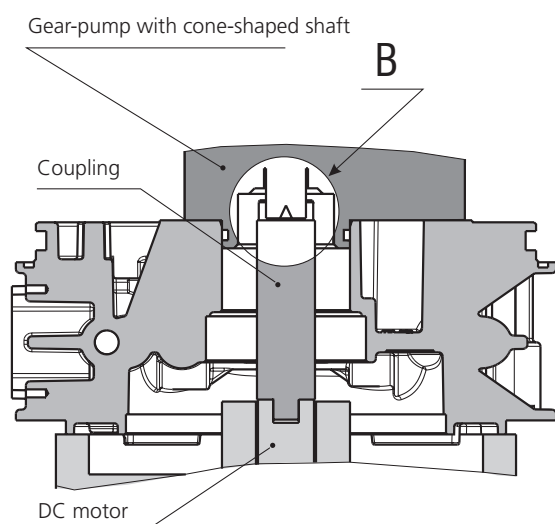
Ø D	40	55
x	16	18



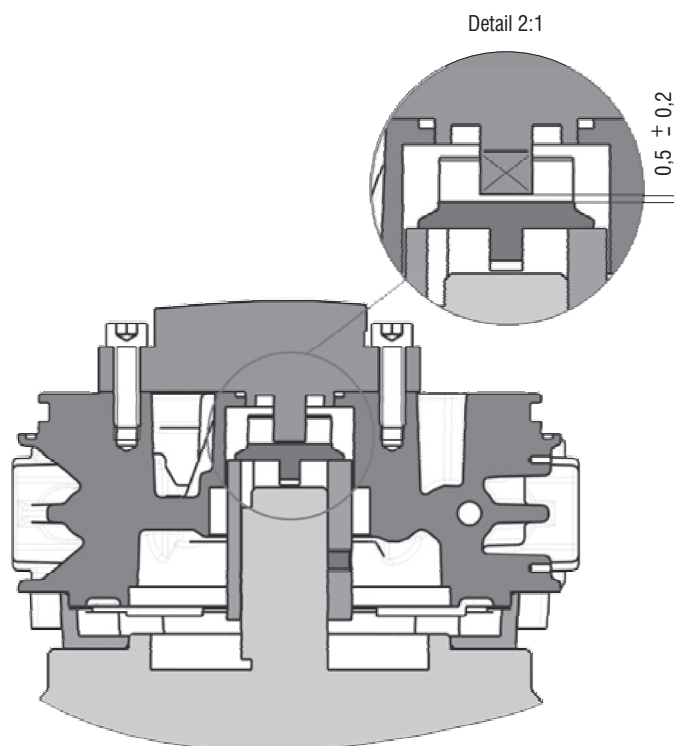
AC motor
Pump: GP1-*L-ACDA-*...



DC motor
Pump: GP1-*L-ACKC*...

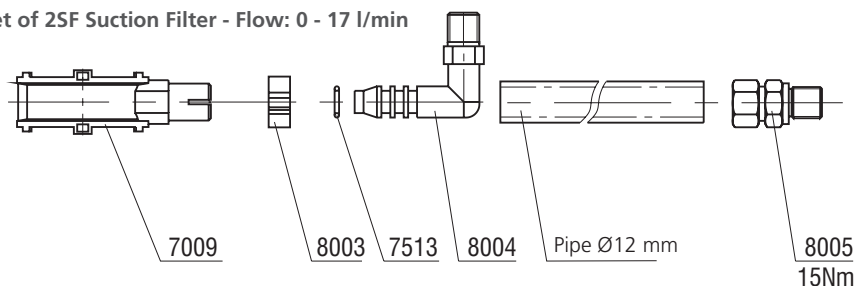


AC motor
Pump: GP0-*L-RAKB-*...

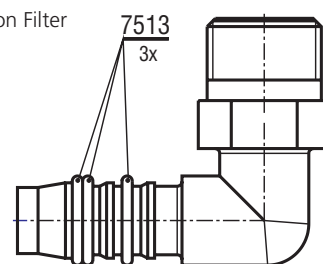


Compact Hydraulic Power Packs for Self-Assembly

Set of 2SF Suction Filter - Flow: 0 - 17 l/min



Detail - Suction Filter

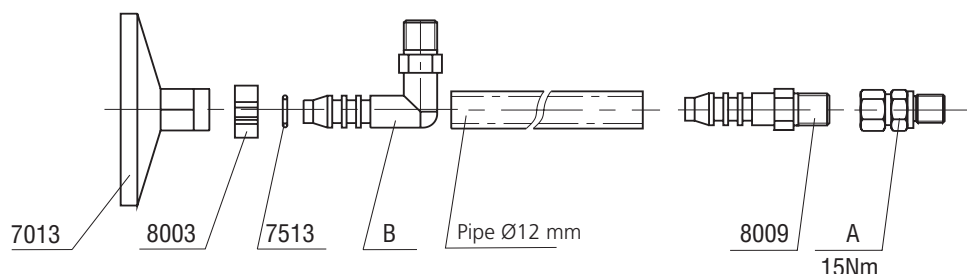


Item	Description	Ordering No.
Suction Filter 2SF + Fittings		
7009	Suction Filter 2SF 56/48-0,063	16092300 3D
7513	O-ring 8x1,5	20119100
8003	Hose clip COBRA 15/8	22825100
8004	Angular plug G3/8	20351600
8005	Fitting GE12-PLR-ED 3/8 3/8	15613200
	Fitting GE12-PL/R1/4-ED 1/4	27218600

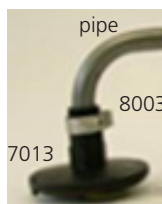


Item	Description	Quantity	Ordering No.
Suction filter 2SF 56/48-0,063		[pcs] 3D	16092300
7010	Strainer DWG D56,5xD48	2	20439300
7011	Filter body	1	20346400
7522	O-ring 50,52x1,78	2	20138000

Set of 2SF Suction Filter - Flow: 0 - 6 l/min



Item	Description	Ordering No.
Suction Filter SF + Fittings		
7013	Suction Filter SF 56/48-0,063	23462700
7513	O-ring 8x1,5	20119100
8003	Hose clip COBRA 15/8	22825100
A/8005	Connection GE12-PLR-ED	15613200
A/8006	Connection GE12-PL/R1/4-ED	16680000
B/8004	Angular plug G3/8	20351600
B/8007	Angular plug G1/4	20351500
8009	Fitting G1/4	20351300

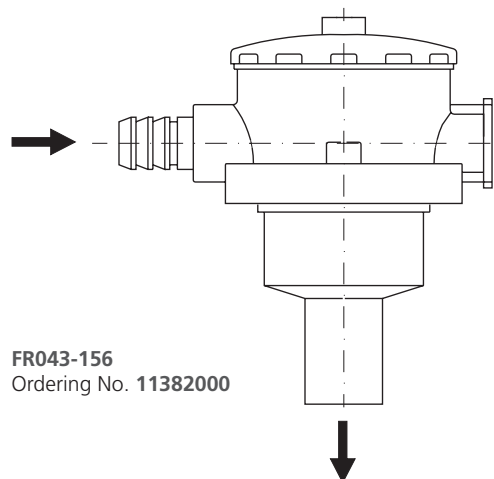


Item	Description	Quantity	Ordering No.
Suction filter SF 56/48-0,063		[pcs]	23462700
7010	Strainer DWG D56,5xD48	1	20439300
7012	Filter body	1	20346600
7514	O-ring 50,52x1,78	1	20138000

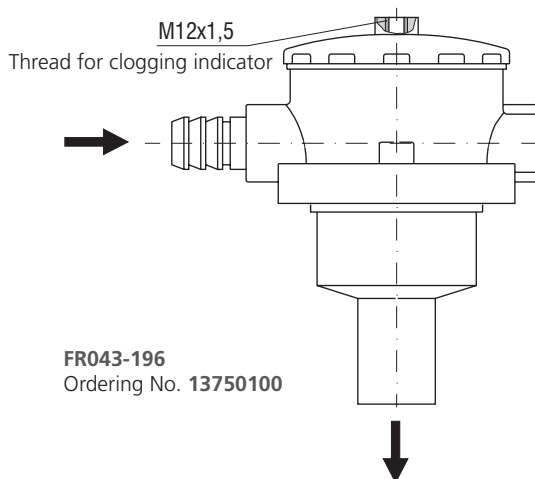
Samples of assembly groups

Description	Quantity [pcs]	Ordering No.
Suction Filter SF		23462800
Suction Filter SF 56/48-0,063	1	23462700
Hose clip COBRA 15/8	1	22825100
Connection GE12-PL/R1/4-ED-S	1	27218600
Suction Filter SF		23463300
Suction Filter SF 56/48-0,063	1	23462700
O-ring 8x1,5	3	20119100
Hose clip COBRA 15/8	1	22825100
Fitting 10/R1/4 PVC	1	20351300
Suction Filter SF		23462500
Suction Filter 2SF 56/48-0,063	1	16092300 3D
Hose clip COBRA 15/8	1	22825100
Connection GE12-PLR-ED	1	15613200
Suction Filter SF		16092500
Suction Filter SF 56/48-0,063	1	16092300 3D
O-ring 8x1,5	3	20119100
Hose clip COBRA 15/8	1	22825100
Fitting 10/R3/8 PVC	1	20351600

Description	Quantity [pcs]	Ordering No.
Suction Filter SF		23463000
Suction Filter SF 56/48-0,063	1	23462700
Hose clip COBRA 15/8	1	22825100
Connection GE12-PLR-ED	1	15613200
Suction Filter SF		23462900
Suction Filter SF 56/48-0,063	1	23462700
O-ring 8x1,5	3	20119100
Hose clip COBRA 15/8	1	22825100
Fitting 10/R1/4 PVC	1	20351500
Suction Filter SF		23462600
Suction Filter SF 56/48-0,063	1	16092300 3D
O-ring 8x1,5	3	20119100
Hose clip COBRA 15/8	1	22825100
Fitting 10/R3/8 PVC	1	20351600
Suction Filter SF		16092600
Suction Filter SF 56/48-0,063	1	23462700
O-ring 8x1,5	3	20119100
Hose clip COBRA 15/8	1	22825100
Fitting 10/R3/8 PVC	1	20351600
Fitting 10/R1/4 PVC	1	20351500
Fitting 10/R1/4 PVC	1	20351300

Return filter


FR043-156
Ordering No. **11382000**



FR043-196
Ordering No. **13750100**

Description	Ordering No.
	16668400 3D
	13750100
	11847000

Description	Ordering No.
	23483700 3D
	13750100
	13341900
	20120000

Optical clogging indicator

Mamometer **DG200-10**
Ordering No. **11847000**


Electrical clogging indicator

DG813-01
Ordering No. **13341900**



O-ring 10x3
Ordering No. **20120000**

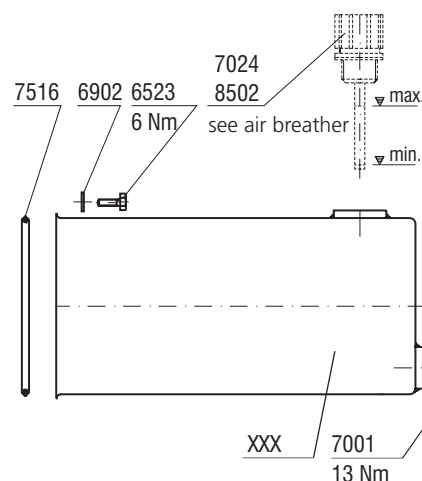
The ARGO-HYTOS return line filter contains in series a venting and bleeding filter, so no other venting or air bleeding filters are necessary.
The hydraulic fluid may be filled through the return line filter after removing the red cap.
The filter return line may be extended by a slipped-over hose or by an original ARGO-HYTOS pipe extension.

Compact Hydraulic Power Packs for Self-Assembly

Steel tank (cylindrical)

- mounting position horizontal

Tank, Code 10 - 13

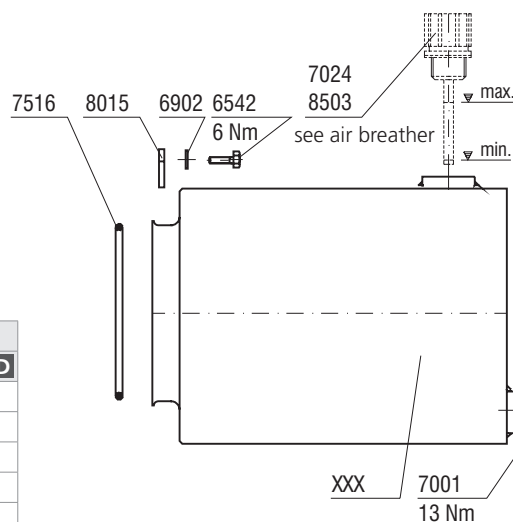


Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 10 - 1,5 l capacity				Tank, code 11 - 2 l capacity			
XXX/4009	Tank N1,5	1	20182800	XXX/4010	Tank with cover N2	1	20182900
7516	O-ring 110x4	1	15607100	7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300	6902	Washer 6,4	4	20253300
6523	Bolt M6x10	4	20217400	6523	Bolt M6x10	4	20217400
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400
Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 12 - 3 l capacity				Tank, code 13 - 4 l capacity			
XXX/4011	Tank with cover N3	1	20183000	XXX/4012	Tank with cover N4	1	20183100
7516	O-ring 110x4	1	15607100	7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300	6902	Washer 6,4	4	20253300
6523	Bolt M6x10	4	20217400	6523	Bolt M6x10	4	20217400
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400

Steel tank (cylindrical)

- mounting position horizontal

Tank, Code 20, 22 and 24

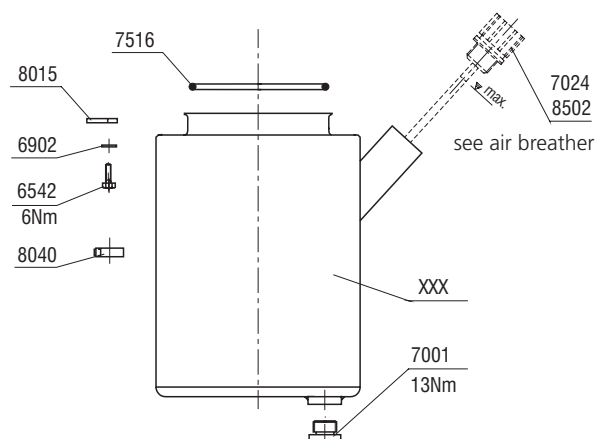


Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 20 - 6 l capacity				Tank, code 24 - 10 l capacity			
XXX/4013	Tank with cover N6	1	20182600	XXX/4015	Tank with cover N10	1	20183300
8015	Holder	4	23737400	8015	Holder	4	23737400
7516	O-ring 110x4	1	15607100	7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300	6902	Washer 6,4	4	20253300
6542	Bolt M6x14	4	20217600	6542	Bolt M6x14	4	20217600
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400
Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 22 - 8 l capacity				Tank, code 24 - 10 l capacity			
XXX/4014	Tank with cover N8	1	20183200	XXX/4015	Tank with cover N10	1	20183300
8015	Holder	4	23737400	8015	Holder	4	23737400
7516	O-ring 110x4	1	15607100	7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300	6902	Washer 6,4	4	20253300
6542	Bolt M6x14	4	20217600	6542	Bolt M6x14	4	20217600
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400

Compact Hydraulic Power Packs for Self-Assembly

Steel tank (cylindrical)

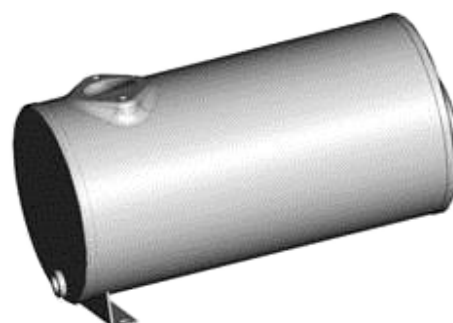
- mounting position vertical
 Tank, Code 51, 53 and 55



Item	Description	Quantity [pcs]	Ordering No.
Tank, code 51 - 6 l capacity			16093200 3D
XXX/4006	Tank with cover N6	1	20188800
8015	Holder	4	23737400
7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300
6542	Bolt M6x14	4	20217600
7001	Plug VSTI G1/2	1	16681400
8040	Hose clip COBRA 18/8	1	22825400

Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 53 - 8 l capacity				Tank, code 55 - 10 l capacity			
XXX/4007	Tank with cover N8	1	20188900	XXX/4008	Tank with cover N10	1	20189000
8015	Holder	4	23737400	8015	Holder	4	23737400
7516	O-ring 110x4	1	15607100	7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300	6902	Washer 6,4	4	20253300
6542	Bolt M6x14	4	20217600	6542	Bolt M6x14	4	20217600
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400
8040	Hose clip COBRA 18/8	1	22825400	8040	Hose clip COBRA 18/8	1	22825400

Steel tank (cylindrical) for Return Filter



Description	Quantity [pcs]	Ordering No.
Tank, code 30 - 9 l capacity		
Tank	1	27407300
Holder 772/1620	4	23737400
O-ring 110x4	1	15607100
Washer 6,4	4	20253300
Bolt M6x14	4	20217600
Plug G1/2 A	1	16681400
Bolt M10x16	2	20242300

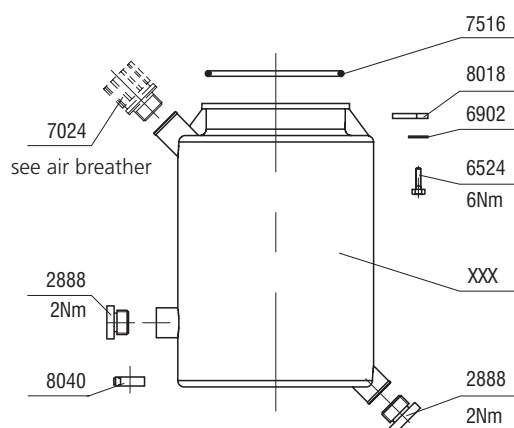
Description	Quantity [pcs]	Ordering No.	Description	Quantity [pcs]	Ordering No.
Tank, code 31 - 15 l capacity			Tank, code 32 - 25 l capacity		
Tank	1	27407400	Tank	1	27407500
Holder 772/1620	4	23737400	Holder 772/1620	4	23737400
O-ring 110x4	1	15607100	O-ring 110x4	1	15607100
Washer 6,4	4	20253300	Washer 6,4	4	20253300
Bolt M6x14	4	20217600	Bolt M6x14	4	20217600
Plug G1/2 A	1	16681400	Plug G1/2 A	1	16681400
Bolt M10x16	2	20242300	Bolt M10x16	2	20242300

Compact Hydraulic Power Packs for Self-Assembly

Plastic tank (cylindrical)

- mounting position vertical and horizontal
 Tank, Code 40 - 45

Item	Description	Quantity [pcs]	Ordering No.
Tank, code 40, 41 - 6 l capacity			16093800 3D
XXX/4016	Tank with cover N6	1	23561700
8018	Holder	4	23414300
7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300
6524	Bolt M6x20	4	20217900
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 42, 43 - 8 l capacity			16666200 3D
XXX/4017	Tank with cover N8	1	23561800
8018	Holder	4	23414300
7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300
6524	Bolt M6x20	4	20217900
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400

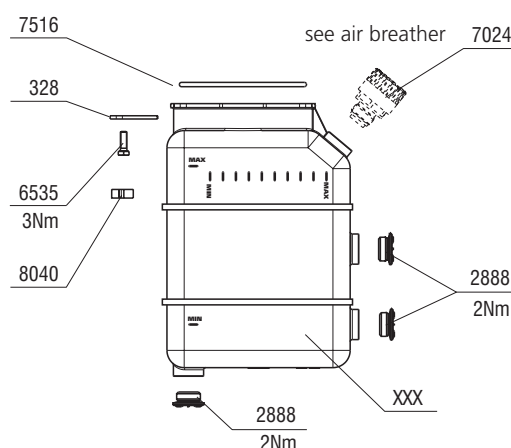


Item	Description	Quantity [pcs]	Ordering No.
Tank, code 44, 45 - 10 l capacity			17507500 3D
XXX/4028	Tank with cover N10	1	24592400
8018	Holder	4	23414300
7516	O-ring 110x4	1	15607100
6902	Washer 6,4	4	20253300
6524	Bolt M6x20	4	20217900
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400

Plastic tank (square)

- mounting position vertical and horizontal
 Tank, Code 61 - 70

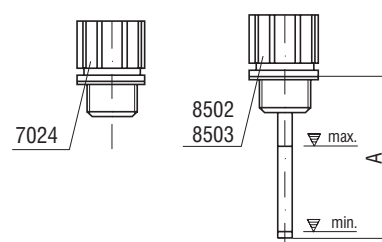
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 61, 62 - 2 l capacity			23467500 3D
XXX/4020	Tank with cover N2	1	23579700
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 63, 64 - 4 l capacity			23467600 3D
XXX/4021	Tank with cover N4	1	23579800
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 65, 66 - 6 l capacity			23467700 3D
XXX/4022	Tank with cover N6	1	23579900
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 67, 68 - 8 l capacity			16769600 3D
XXX/4023	Tank with cover N8	1	23580000
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 69, 70 - 10 l capacity			23467900 3D
XXX/4024	Tank with cover N10	1	23580100
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400



Item	Description	Quantity [pcs]	Ordering No.
Tank, code 65, 66 - 6 l capacity			23467700 3D
XXX/4022	Tank with cover N6	1	23579900
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400
Item	Description	Quantity [pcs]	Ordering No.
Tank, code 69, 70 - 10 l capacity			23467900 3D
XXX/4024	Tank with cover N10	1	23580100
328	Holder	4	23502900
7516	O-ring 110x4	1	15607100
6535	Bolt M6x18	4	20217800
2888	Plug M22x1,5	2	23478600
8040	Hose clip COBRA 18/8	1	22825400

Air breather

Item	Description	Note	A [mm]	Ordering No.
7024	Air breather without oil gauge	for all cylindrical and square tanks	-	14184600 3D
8502	Air breather with short oil gauge	only for code 11,12,13,51,53,55	76	17685800
8503	Air breather with long oil gauge	only for code 20,22,24	115	16073300



Compact Hydraulic Power Packs for Self-Assembly

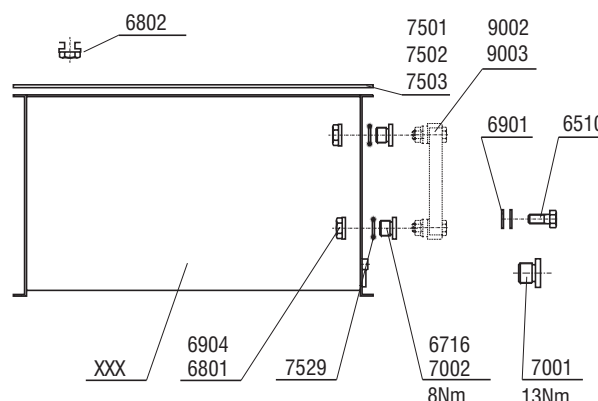
Steel tank (square)

- without cover

Tank, Code 56 - 60

Note: Items 9003 = Oil gauge

Oil gauge available to order as accessory equipment, see page 34.



Item	Description	Quantity [pcs]	Ordering No.
Tank, code 56 - 8 l capacity			16092700 3D
XXX/4001	Tank N8-C	1	20184200
7001	Plug VSTI G1/2	1	16681400
6510	Bolt M6x10	1	20246200
6901	Washer 6,4	2	20259000
7501	Seal N8	1	20810700
6802	Nut M6	6	20537900
6716	Plug M10x1	2	24224200
6904	Nut M10x1	2	20249300
7529	O-ring 10x2	2	20123200

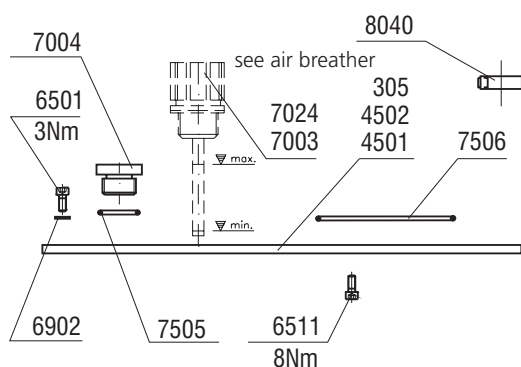
Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 57 - 10 l capacity			16092800 3D	Tank, code 58 - 20 l capacity			16092900 3D
XXX/4002	Tank N10-C	1	20185300 3D	XXX/4003	Tank N20-C	1	20185500
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400
6510	Bolt M6x10	1	20246200	6510	Bolt M6x10	1	20246200
6901	Washer 6,4	2	20259000	6901	Washer 6,4	2	20259000
7502	Seal N10	1	20810800	7502	Seal N10	1	20810800
6802	Nut M6	6	20537900	7002	Plug VSTI M12x1,5	2	15625400
6716	Plug M10x1	2	24224200	6801	Nut M12x1,5	2	20252200
6904	Nut M10x1	2	20249300	6802	Nut M6	6	20537900
7529	O-ring 10x2	2	20123200				
Item	Description	Quantity [pcs]	Ordering No.	Item	Description	Quantity [pcs]	Ordering No.
Tank, code 59 - 30 l capacity			16093000 3D	Tank, code 60 - 40 l capacity			16093100 3D
XXX/4004	Tank N30-C	1	20184600	XXX/4005	Tank N40-C	1	20180000 3D
7001	Plug VSTI G1/2	1	16681400	7001	Plug VSTI G1/2	1	16681400
6510	Bolt M6x10	1	20246200	6510	Bolt M6x10	1	20246200
6901	Washer 6,4	2	20259000	6901	Washer 6,4	2	20259000
7503	Seal N40	1	20810900	7503	Seal N40	1	20810900
7002	Plug VSTI M12x1,5	2	15625400	7002	Plug VSTI M12x1,5	2	15625400
6801	Nut M12x1,5	2	20252200	6801	Nut M12x1,5	2	20252200
6802	Nut M6	8	20537900	6802	Nut M6	8	20537900

Compact Hydraulic Power Packs for Self-Assembly

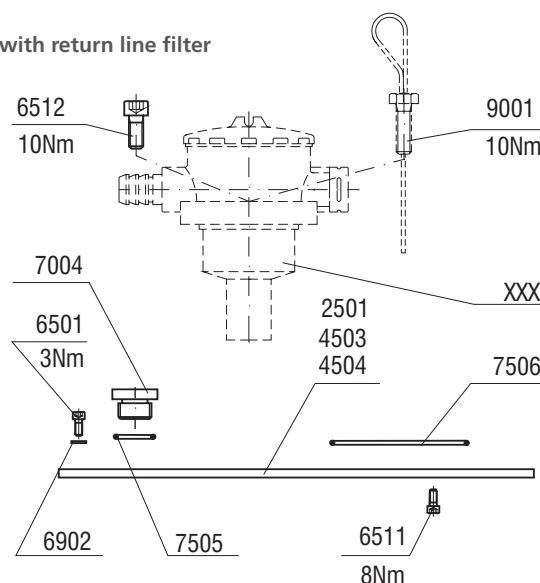
Cover for steel tank (square)

Tank, Code 56 - 60

- without return line filter



- with return line filter



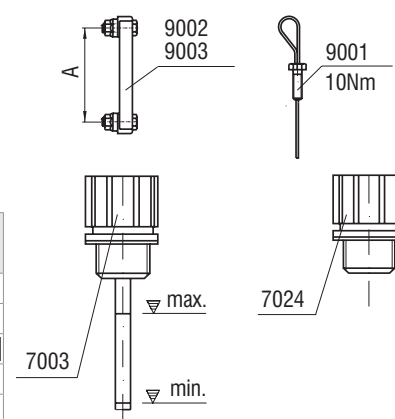
Without return line filter			
Item	Description	Quantity [pcs]	Ordering No.
Code 56 - 8 l capacity			16093900
305	Tank with cover 8	1	20288400
6511	Bolt M6x16	4	20238200
6902	Washer 6,4	10	20253300
7004	Plug GPN M20x1,5	1	20340800
7505	O-ring 20x2	1	15605500
7506	O-ring 126,72x1,78	1	20142500
6501	Bolt M6x20	6	20238300
8040	Hose clip 18/8	1	22825400
Without return line filter			
Item	Description	Quantity [pcs]	Ordering No.
Code 57, 58 - 10 l, 20 l capacity			16094100
4502	Tank with cover 10/20	1	20288600
6511	Bolt M6x16	4	20238200
6902	Washer 6,4	10	20253300
7004	Plug GPN M20x1,5	1	20340800
7505	O-ring 20x2	1	15605500
7506	O-ring 126,72x1,78	1	20142500
6501	Bolt M6x20	6	20238300
8040	Hose clip 18/8	1	22825400
Without return line filter			
Item	Description	Quantity [pcs]	Ordering No.
Code 59, 60 - 30 l, 40 l capacity			16769700 3D
4501	Tank with cover 30/40	1	20288800
6511	Bolt M6x16	4	20238200
6902	Washer 6,4	12	20253300
7004	Plug GPN M20x1,5	1	20340800
7505	O-ring 20x2	1	15605500
7506	O-ring 126,72x1,78	1	20142500
6501	Bolt M6x20	8	20238300
8040	Hose clip 18/8	1	22825400

With return line filter			
Item	Description	Quantity [pcs]	Ordering No.
Code 56 - 8 l capacity			16094000
2501	Tank with cover 8F	1	20288500
6511	Bolt M6x16	4	20238200
6512	Bolt M10x16	2	20242300
6902	Washer 6,4	10	20253300
7004	Plug GPN M20x1,5	1	20340800
7505	O-ring 20x2	1	15605500
7506	O-ring 126,72x1,78	1	20142500
6501	Bolt M6x20	6	20238300
With return line filter			
Item	Description	Quantity [pcs]	Ordering No.
Code 57, 58 - 10 l, 20 l capacity			16094200 3D
4503	Tank with cover 10/ 20F	1	20288700
6511	Bolt M6x16	4	20238200
6512	Bolt M10x16	21	20242300
6902	Washer 6,4	10	20253300
7004	Plug GPN M20x1,5	1	20340800
7505	O-ring 20x2	1	15605500
7506	O-ring 126,72x1,78	1	20142500
6501	Bolt M6x20	6	20238300
With return line filter			
Item	Description	Quantity [pcs]	Ordering No.
Code 59, 60 - 30 l, 40 l capacity			16666300
4504	Tank with cover 30/40 F	1	24248200
6511	Bolt M6x16	4	20238200
6512	Bolt M10x16	2	20242300
6902	Washer 6,4	12	20253300
7004	Plug GPN M20x1,5	1	20340800
7505	O-ring 20x2	1	15605500
7506	O-ring 126,72x1,78	1	20142500
6501	Bolt M6x20	8	20238300

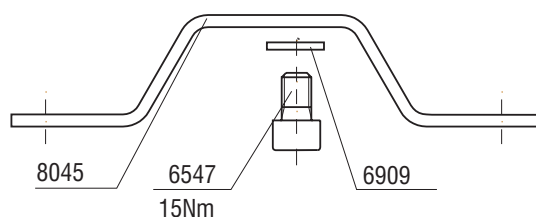
Compact Hydraulic Power Packs for Self-Assembly

Accessories - square tank
 - without / with return line filter
 Tank, Code 56 - 60

Item	Description	Dimension A [mm]	Note	Ordering No.
9002	Oil gauge C5.3511-50	76	for code 56,57	13727200
9003	Oil gauge C5.3516-50	127	for code 58,59,60	13727300
7024	Air breather without oil gauge	-	for cover without return line filter	14184600 3D
7003	Air breather with oil gauge	-	for cover without return line filter	12152800
9001	Oil gauge	-	for cover with return line filter	12174000

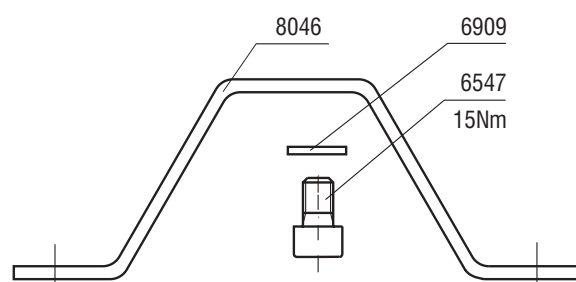


Mounting bracket



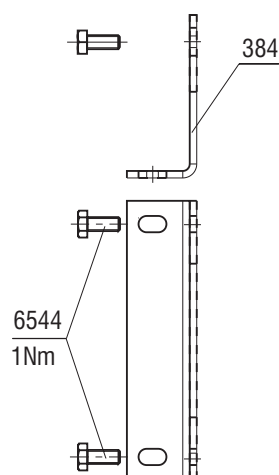
Item	Description	Quantity [pcs]	Ordering No.
Mounting bracket			16094300 3D
8045	Bracket F	1	20360300
6547	Bolt M10x25	2	20242500
6909	Washer 10,5	2	20253700

Mounting bracket, for plastic tanks



Item	Description	Quantity [pcs]	Ordering No.
Mounting bracket			16094400 3D
8046	Bracket K	1	20360400
6547	Bolt M10x25	2	20242500
6909	Washer 10,5	2	20253700

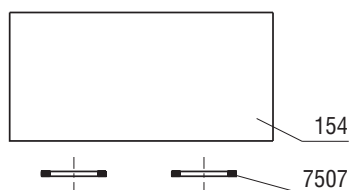
Tank support, with square plastic tank code 64 - 70 with holder of Power Pack Configuration F



Item	Description	Quantity [pcs]	Ordering No.
Basic setup of support			23479000
384	Support PLN	1	23504701
6544	Bolt ST 6,3x13	2	20245900

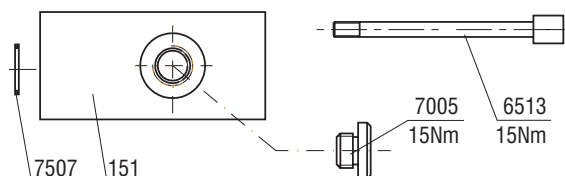
Compact Hydraulic Power Packs for Self-Assembly

Baseplate C



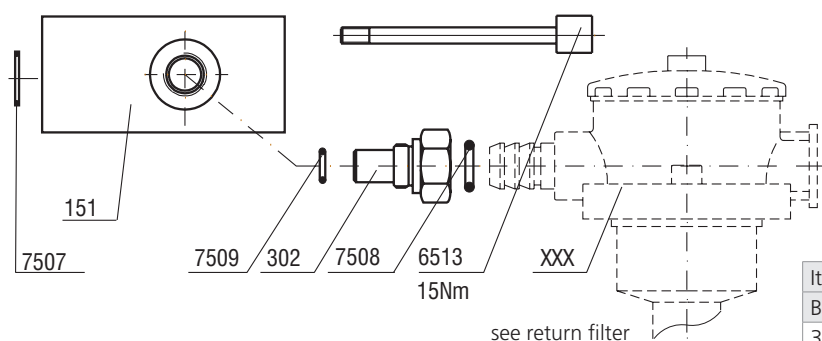
Item	Description	Quantity [pcs]	Ordering No.
Baseplate C			16094700 3D
154	Sandwich plate	1	23492301
7507	Seal ring 17,17x1,68	2	15608600

Baseplate B, without port for return filter



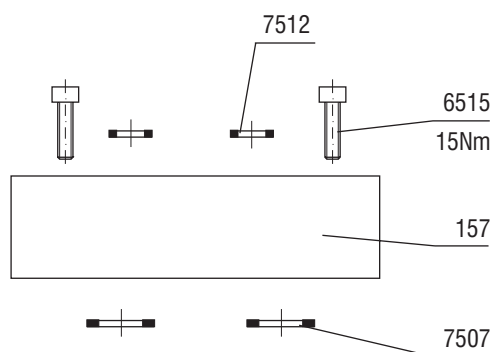
Item	Description	Quantity [pcs]	Ordering No.
Baseplate B			16094500 3D
7507	Seal ring 17,17x1,68	2	15608600
6513	Bolt M8x110	3	20242000
151	Sandwich plate	1	23492001
7005	Plug G3/8	1	16681600

Baseplate B, with port for return filter



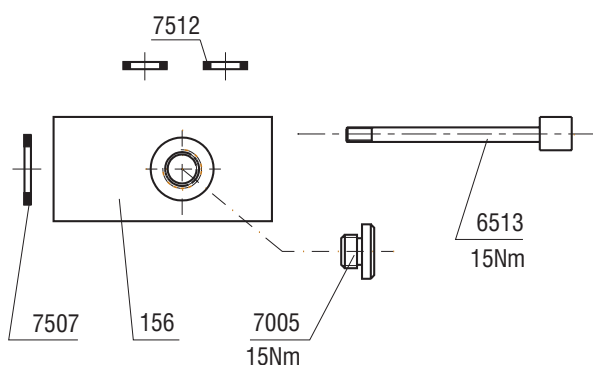
Item	Description	Quantity [pcs]	Ordering No.
Baseplate B for return filter			16094600 3D
302	Fitting	1	23501900
7509	O-ring 13x2	1	20122200
7508	O-ring 16x2.5	1	20137000
7507	Seal ring 17,17x1,68	2	15608600
6513	Bolt M8x110	3	20242000
151	Sandwich plate	1	23492001

Baseplate D, for RPEK1-03



Item	Description	Quantity [pcs]	Ordering No.
Baseplate D			16769800 3D
157	Sandwich plate	1	23492500
7507	Seal ring 17,17x1,68	2	15608600
7512	Seal ring 9,25x1,68	2	15608800
6515	Bolt M8x30	2	15610600

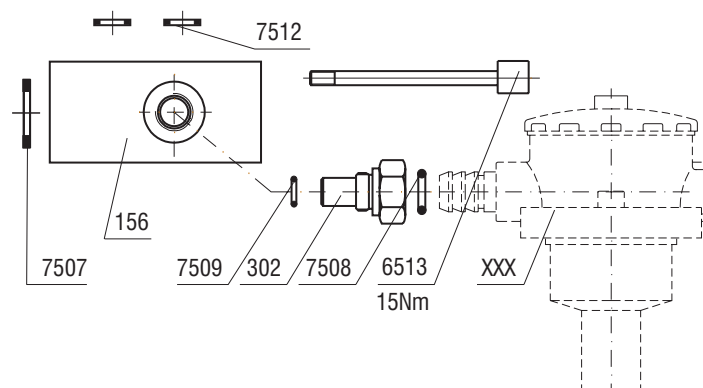
Baseplate E, for RPEK1-03



Item	Description	Quantity [pcs]	Ordering No.
Baseplate E			16095500
156	Sandwich plate	1	23492400
6513	Bolt M8x110	3	20242000
7005	Plug R 3/8	1	16681600
7507	Seal ring 17,17x1,68	2	15608600
7512	Seal ring 9,25x1,68	2	15608800

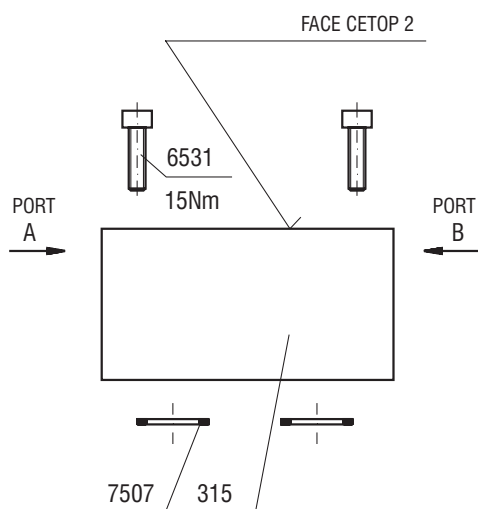
Compact Hydraulic Power Packs for Self-Assembly

Baseplate E, for RPEK1-03, with port for Return filter

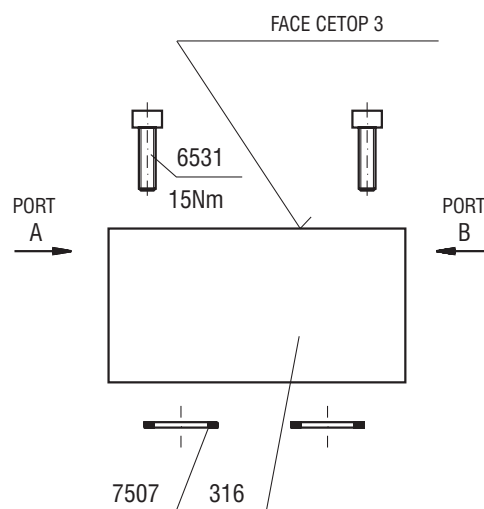


Item	Description	Quantity [pcs]	Ordering No.
	Baseplate E for return line filter		16770300
156	Sandwich plate	1	23492400
6513	Bolt M8x110	3	20242000
7507	Seal ring 17,17x1,68	2	15608600
7509	O-ring 13x2	1	20122200
302	Fitting	1	23501900
7508	O-ring 16x2,5	1	20137000
7512	Seal ring 9,25x1,68	2	15608800

Baseplates F, Size 04, 06



Item	Description	Quantity [pcs]	Ordering No.
	Subplate PD04R1 G1/4-2		16666900 3D
315	PD04R1 G1/4-2	1	23502500
6531	Bolt M8x35	2	20240700
7507	Seal ring 17,17x1,68	2	15608600

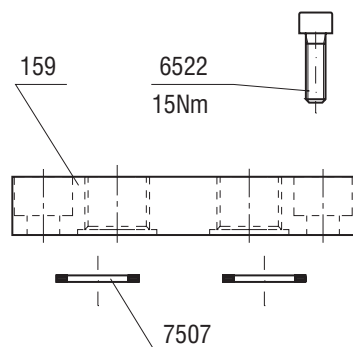


Item	Description	Quantity [pcs]	Ordering No.
	Subplate PD06R1 G1/4-2		16095400
316	PD06R1 G1/4-2	1	23502600
6531	Bolt M8x35	2	20240700
7507	Seal ring 17,17x1,68	2	15608600

Cover plate, for RPEK1-03 valves, **Ordering No. 16786901** (HB03-RPEK-05)



Plate with P, T ports 3/8", intended for Base Plate B or for Central Manifold as reduction G 1/4 / G 3/8

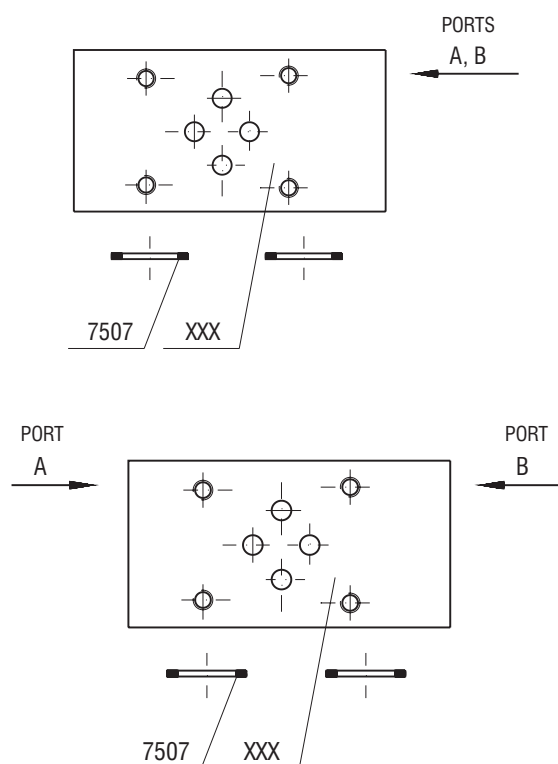


Item	Description	Quantity [pcs]	Ordering No.
	Reduction Plate 3/8"		16096700 3D
7507	Seal ring 17.17x1.68	2	15608600
6522	Bolt M8x20	2	15610900
159	Plate G3/8	1	23492700

Compact Hydraulic Power Packs for Self-Assembly

Vertical-Stack-Plates

Size 04, CETOP-2

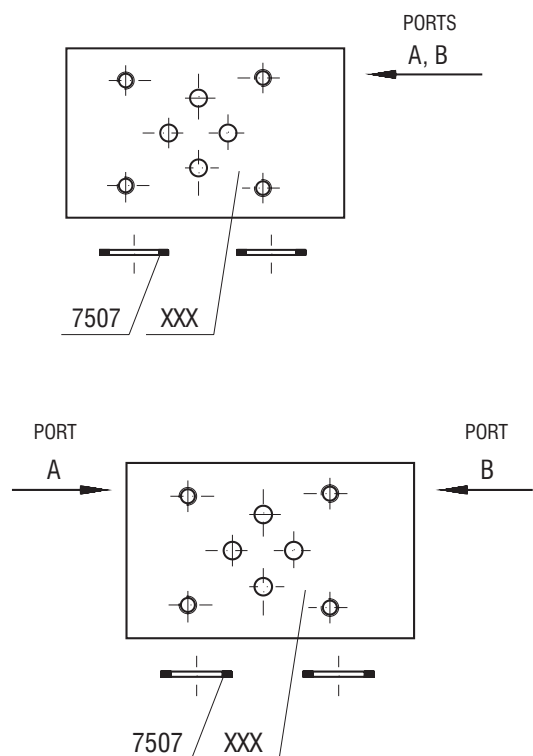


Item	Number of sections	Description	Ordering No.	
7507		Seal ring 17,17x1,68	15608600	Kit (Plate + 2 seal rings)
XXX / 1		PD04A1 G1/4-1	24584900	16095000 3D
XXX / 2		PD04A2 G1/4-1	23495600	16095100
XXX / 3		PD04A3 G1/4-1	23496200	16095200
XXX / 4		PD04A4 G1/4-1	23496800	23473900
XXX / 5		PD04A5 G1/4-1	23497400	16770200
XXX / 1		PD04A1 G3/8-1	24585000	16666600
XXX / 2		PD04A2 G3/8-1	23495700	16666700
XXX / 3		PD04A3 G3/8-1	23496300	23474300
XXX / 4		PD04A4 G3/8-1	23496900	16666800
XXX / 5		PD04A5 G3/8-1	23497500	23474500

Item	Number of sections	Description	Ordering No.	
7507		Seal ring 17,17x1,68	15608600	Kit (Plate + 2 seal rings)
XXX / 1		PD04A1 G1/4-2	24585100	23474600
XXX / 2		PD04A2 G1/4-2	23495800	23474700
XXX / 3		PD04A3 G1/4-2	24585700	23474800
XXX / 4		PD04A4 G1/4-2	24585900	23474900
XXX / 5		PD04A5 G1/4-2	23497600	23475000
XXX / 1		PD04A1 G3/8-2	24585200	16095300
XXX / 2		PD04A2 G3/8-2	23495900	23475200
XXX / 3		PD04A3 G3/8-2	24585800	23475300
XXX / 4		PD04A4 G3/8-2	23497100	23475400
XXX / 5		PD04A5 G3/8-2	23497700	23475500

Vertical-Stack-Plates

Size 06, CETOP-3



Item	Number of sections	Description	Ordering No.	
7507		Seal ring 17,17x1,68	15608600	Kit (Plate + 2 seal rings)
XXX / 1		PD06A1 G1/4-1	24586200	16094900
XXX / 2		PD06A2 G1/4-1	23498900	17084600
XXX / 3		PD06A3 G1/4-1	23499500	23471800
XXX / 4		PD06A4 G1/4-1	23500100	23471900
XXX / 5		PD06A5 G1/4-1	23500700	23472000
XXX / 1		PD06A1 G3/8-1	23498400	16666400
XXX / 2		PD06A2 G3/8-1	23499000	16769900
XXX / 3		PD06A3 G3/8-1	23499600	16770000
XXX / 4		PD06A4 G3/8-1	23500200	16666500
XXX / 5		PD06A5 G3/8-1	23500800	16770100

Item	Number of sections	Description	Ordering No.	
7507		Seal ring 17,17x1,68	15608600	Kit (Plate + 2 seal rings)
XXX / 1		PD06A1 G1/4-2	23498500	23472600
XXX / 2		PD06A2 G1/4-2	23499100	23472700
XXX / 3		PD06A3 G1/4-2	23499700	23472800
XXX / 4		PD06A4 G1/4-2	23500300	23472900
XXX / 5		PD06A5 G1/4-2	23500900	17236800
XXX / 1		PD06A1 G3/8-2	23498600	23473100
XXX / 2		PD06A2 G3/8-2	23499200	23473200
XXX / 3		PD06A3 G3/8-2	23499800	23473300
XXX / 4		PD06A4 G3/8-2	23500400	23473400
XXX / 5		PD06A5 G3/8-2	23501000	23473500

Compact Hydraulic Power Packs for Self-Assembly

Fastening kits - include 2 studrods + 2 nuts + 2 washers
Tightening torque of nut is 18 Nm

Size 04			
Block - Design „A“ and „B“			Ordering No.
1-section	Kit of Studrods	M8x73	16095900
2-section	Kit of Studrods	M8x113	16096000
3-section	Kit of Studrods	M8x153	16667300
4-section	Kit of Studrods	M8x193	16667400
5-section	Kit of Studrods	M8x233	16667500
Block - Design „C“			Ordering No.
1-section	Kit of Studrods	M8x117	16096100
2-section	Kit of Studrods	M8x157	16667600
3-section	Kit of Studrods	M8x197	16667700
4-section	Kit of Studrods	M8x237	16667800
5-section	Kit of Studrods	M8x277	16667900

With Pressure Filter	
	Ordering No.
M8x133	16096300
M8x171	23480900
M8x211	23481000
M8x251	23481100
M8x291	16770400
	Ordering No.
M8x177	16668100
M8x215	23481300
M8x255	23481400
M8x295	23481500
M8x335	16770500

Size 06			
Block - Design „A“ and „B“			Ordering No.
1-section	Kit of Studrods	M8x83	16096200
2-section	Kit of Studrods	M8x133	16096300
3-section	Kit of Studrods	M8x185	16096400
4-section	Kit of Studrods	M8x233	16667500
5-section	Kit of Studrods	M8x285	16096500
Block - Design „C“			Ordering No.
1-section	Kit of Studrods	M8x127	16668000
2-section	Kit of Studrods	M8x177	16668100
3-section	Kit of Studrods	M8x227	16668200
4-section	Kit of Studrods	M8x277	16667900
5-section	Kit of Studrods	M8x327	16668300

With Pressure Filter	
	Ordering No.
M8x141	16770600
M8x193	16667400
M8x241	16770700
M8x291	16770400
M8x341	16770800
	Ordering No.
M8x185	16096400
M8x237	16667800
M8x285	16096500
M8x335	16770500
M8x385	16770900

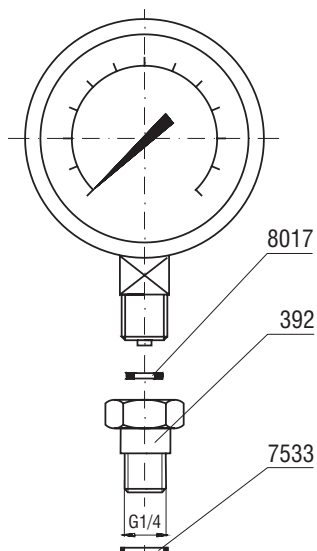
Fastening kits - include 3 studrods + 3 nuts + 3 washers
Tightening torque of nut is 14 Nm

Size 03, RPEK1-03			
Block - Design „D“ and „E“			Ordering No.
1-section	Kit of Bolts	M6x58	16771000
2-section	Kit of Studrods	M6x100	16096600
3-section	Kit of Studrods	M6x133	16771100
4-section	Kit of Studrods	M6x163	16771200
5-section	Kit of Studrods	M6x194	16771300
6-section	Kit of Studrods	M6x224	16771400

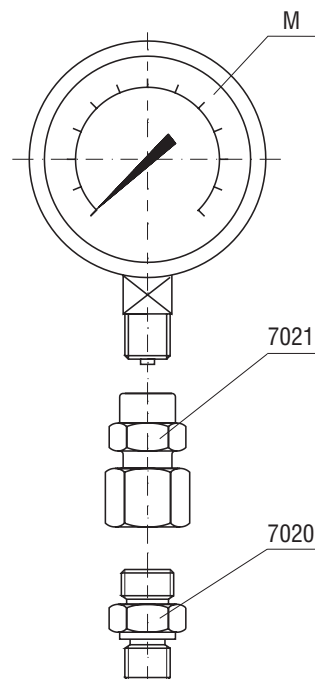
Compact Hydraulic Power Packs for Self-Assembly

Fittings for manometers

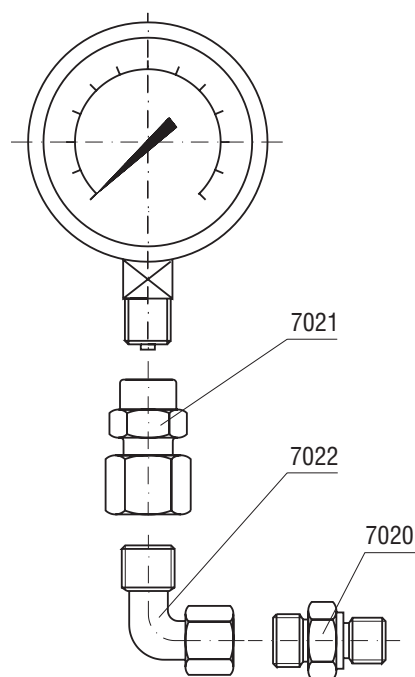
Item	Description	Quantity [pcs]	Ordering No.
	Kit		24581800 3D
0392	Adapter	1	24588701
8017	Cu Ring 5x9x1	2	20259300
7533	ED 14 x 1,5 / G1/4	1	20317600

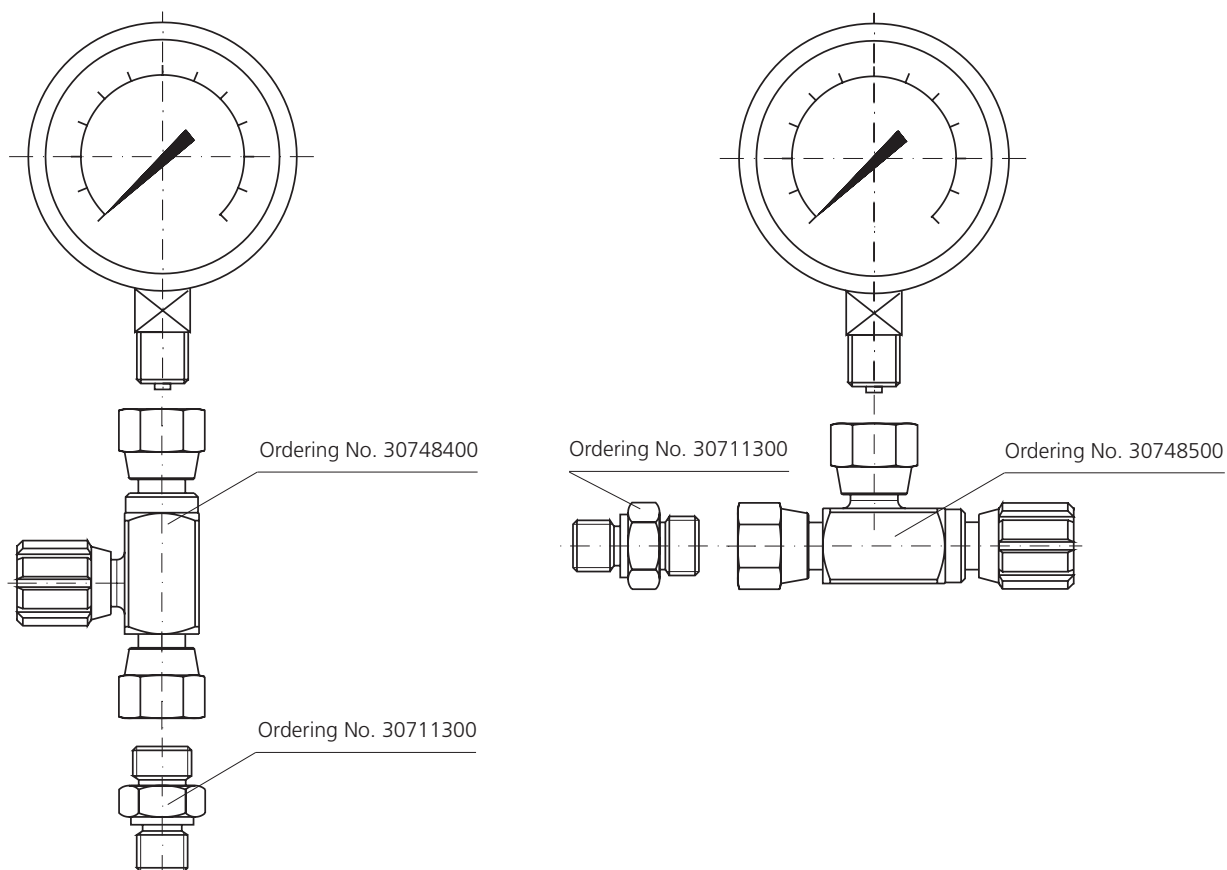
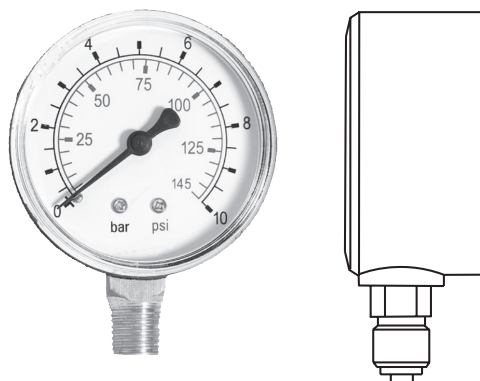


Item	Description	Quantity [pcs]	Ordering No.
	Kit		16771500
7021	Fitting MAVE 8-LR	1	20320600
7020	Fitting XGE 8 PLR	1	20311900

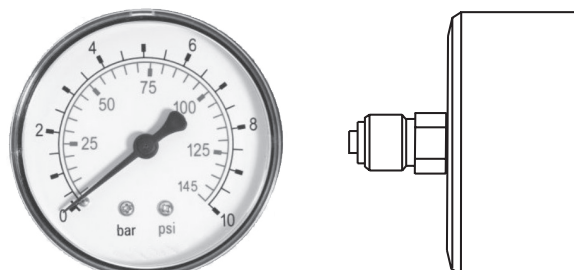


Item	Description	Quantity [pcs]	Ordering No.
	Kit		16771600
7020	Fitting XGE 8 PLR	1	20311900
7021	Fitting MAVE 8-LR	1	20320600
7022	90° Fitting EVW 8-PL	1	20322100




Manometers - Bottom connection


Manometers - radial / bottom connection		
Pressure Gauge		Ordering No.
D68	0-25 bar	17448600
D68	0-40 bar	20629900
D68	0-60 bar	20630000
D68	0-100 bar	15639800
D68	0-160 bar	15639700
D68	0-250 bar	16686600

Manometers - Rear connection


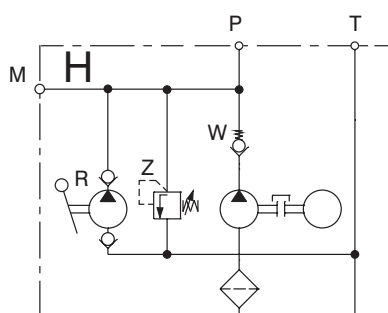
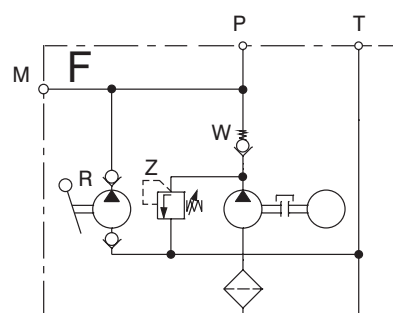
Manometers - axial / rear connection		
Pressure Gauge		Ordering No.
D68	0-25 bar	20630200
D68	0-40 bar	20630300
D68	0-60 bar	15639600
D68	0-100 bar	15640100
D68	0-160 bar	20630500
D68	0-250 bar	15639900

Central Manifold H

Central manifold H is similar as Central manifold F.
Difference is only in hydraulic circuit.

To get the H Central manifold:

- Order all items for F central manifold excepting Block P-F Ordering No. 27849102
- Order Block P-H Ordering No. 34665700 (instead of Block P-F Ordering No. 27849102)



Kit	Description	pcs	Ordering No.
	Central manifold H	-	
	Block P-H	1	34665700
	Check Valve	1	22751100
	Pipe	1	31405900
	Pipe	1	31406000

Hand Pump RCA-A2-L-A	1	28950401
Hand Lever (for Hand Pump)	1	23476200 3D
Possible valve		Data sheet
SR1A-A2/S		HA 5063

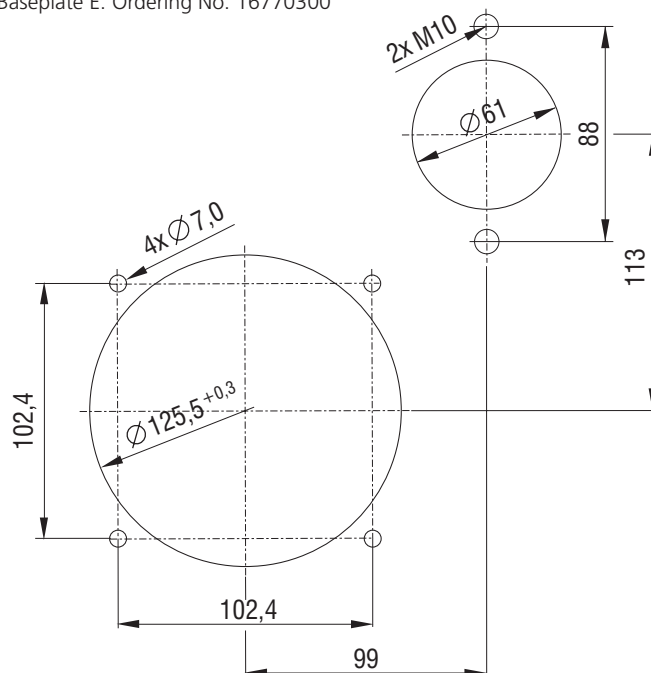
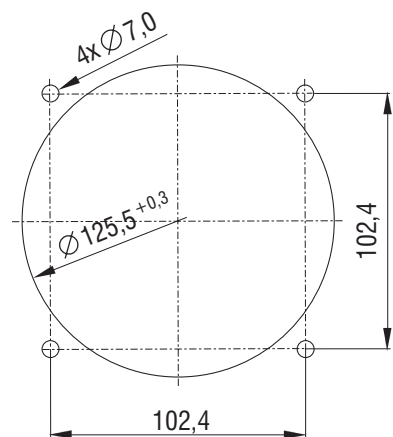
Connecting face - Dimensions (in millimeters)

To instal SMA05 on your own tank
make this connection face on your tank cover:

To instal SMA05 with return filter and baseplate B or E on your own tank
make this connection face on your tank cover:

Baseplate B: Ordering No. 16094600

Baseplate E: Ordering No. 16770300



Material for installation of tank cover			
Description	pcs	Ordering No.	
Bolts M6	4	-	
O-ring 126,72x1,78	1	20142500	

